

Search history

Search [SP]: The present invention provides a slider valve assembly for connection to a spout of an aseptically-packaged flexible container for filling and dispensing flowable material. The slider valve assembly comprises a cap member, a valve member, and an outlet member. The cap member has a central opening and is adapted to be secured to the spout of the container. The valve member defines one or more side openings in communication with a central bore, is slidable within the central opening of the cap member and is lockable into a closed or open position. The outlet member is detachably engaged to the valve member and is used for actuating the valve member. The outlet member also defines a hollow interior portion which is in communication with the central bore of the valve member. (Results 41)

Search barrier (Results 300442)
2:

Search 1 and 2 (Results 7)
3:

1) Family number: 29382632 (US4421146A)

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Title: QUICK-DISCONNECT SERVICE-LINE CONNECTOR AND VALVE ASSEMBLY

Abstract: Source: US4421146A A quick-disconnect service-line connector assembly for use in a beverage dispensing system or the like for connecting the service line to a single-service coupling and dispensing spout valve assembly on a flexible bag containing a liquid or semi-liquid product to be dispensed. It comprises a clamp which permits quick application to and removal from the spout of the single-service assembly and the clamp carries a guide structure for mounting a plug or nozzle body assembly for axial movement relative to the spout for insertion into the closed dispensing spout valve member carried therein for pushing it into opened position and simultaneously gripping it so that, as it is withdrawn, it moves the dispensing spout valve member again into closed position. In the nozzle body is a normally-closed flow control valve which is positively opened when the nozzle is inserted into the dispensing spout valve and which is automatically closed as it is withdrawn therefrom.

Classifications:

International (IPC 8-9): B65B3/04 B65D33/38 B65D47/06 B65D47/36 B65D5/74 B65D77/06 B67D3/04 B67D5/02 B67D7/02 F16L37/00 F16L37/098 F16L37/35 G07F13/00 H04M9/00 (Advanced/Invention); B65D47/06 B65D5/74 F16L37/00 G07F13/00 (Advanced/Non-invention); H04M9/00 (Core/Invention); B67D (Subclass/Invention)

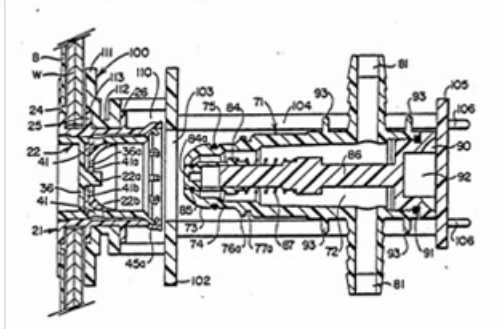
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CPC: Y10S383/904 B67D7/0294 B65D77/06 B67D3/045 F16L37/008 F16L37/0985 F16L37/35

European: B65D77/06 B67D3/04E B67D7/02G2 F16L37/00K F16L37/098D F16L37/35 H04M9/00K3R

US: 14/134.9 141/349 141/383 215/307 215/311 217/98 217/99 220/360 222/464.1 222/501 251/149.1 251/291 251/353 383/904

PatBase - US4421146_A



Family:

Publication number	Publication date	Application number	Application date
AT42932 E	19890515	AT19820903627T	19821103
AU198310153 A1	19830518	AU19830010153	19821103
AU552437 B2	19860529	AU19830010153	19821103
CA1178988 A1	19841204	CA19820415014	19821105
DE3279678 D1	19890615	DE19823279678	19821103
DK161695 B	19910805	DK19830003158	19830708
DK161695 C	19920127	DK19830003158	19830708
DK315883 A	19830708	DK19830003158	19830708
DK315883 A0	19830708	DK19830003158	19830708
EP0093157 A1	19831109	EP19820903627	19821103
EP0093157 A4	19850610	EP19820903627	19821103
EP0093157 B1	19890510	EP19820903627	19821103
IS1292 B6	19870707	IS19820002765	19821108
IS1293 B6	19870707	IS19820002765	19821108
IS2765 A7	19830510	IS19820002765	19821108
JP2038461 B4	19900830	JP19830500011	19821103
JP58501858 T2	19831104	JP19830500011	19831121
JP58501858 T2	19831104	JP19830500011T	19830708
JP58501858 T2	19831104	JP19830500011	19821103
NO156367 B	19870601	NO19830002506	19830708
NO156367 C	19870909	NO19830002506	19830708
NO832506 A	19830708	NO19830002506	19830708
NZ202381 A	19860314	NZ19820202381	19821104
US4421146 A	19831220	US19820355530	19820308
US4421146 B1	19980217	US19820355530	19820308
US4445551 A	19840501	US19810319580	19811109
WO8301605 A1	19830511	WO1982US01551	19821103
ZA8208197 A	19831026	ZA19820008197	19821109

Priority:

CA19820415014 19821105 EP19820903627 19821103 US19810319580 19811109
US19820355530 19820308 WO1983US01830 19831121 US19820445982 19821201
WO1982US01551 19821103

Probable Assignee: LIQUI BOX CORP**Assignee(s):** (std): BOND CURTIS J ; LIQUI BOX CORP ; RIKUIBOTSUKUSU CORP ; ULM JOHN G**Assignee(s):** LIQUI BOX A CORP OF OH CORP**Inventor(s):** (std): ULM J G ; ULM JOHN G ; URUMU JON JII ; ULM JG ; BONDO KAACHISU JEE ; BOND CJ ; BOND C J ; BOND C J ULM J G ; BOND CURTIS J**Inventor(s):** CURTIS J BOND ; JOHN G ULM**Agent(s):** GRIFFITH HACK; MACRAE AND CO**Designated states:** AT AU BE CH DE DK FR GB JP LI LU NL NO SE**2) Family number: 11742029 (US5372267A)**

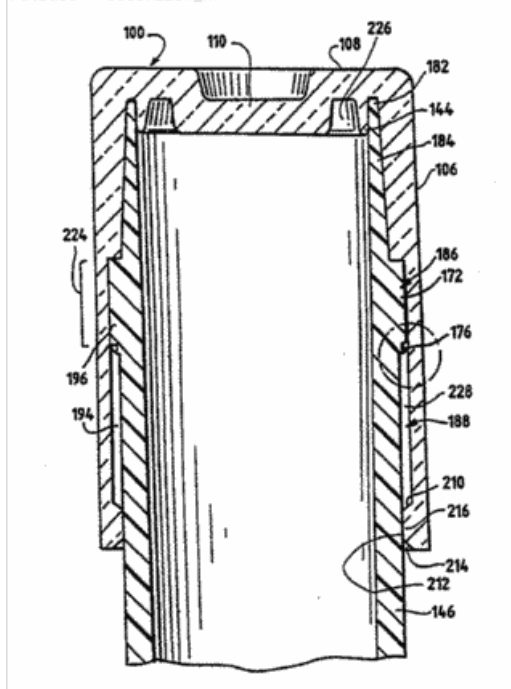
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Title: Safety container and dispenser for small items

Abstract: Source: US5372267A A child-resistant container according to the present invention comprises a container body and a cup-shaped closure which is installed telescopically over the open end of the container body. Mating longitudinal splines and ribs are provided on the adjacent walls of the container body and the closure to interfere with one another as the closure is longitudinally urged from a closed position to an open position. The spline and rib patterns are selected so that the splines and ribs interfere unless the closure is oriented in a predefined angular unlocked position with respect to the container body. A cylindrical ledge of slightly increased diameter is provided on the container body longitudinally adjacent the splines. The ledge prevents a user from discovering the unlocked position by rotating the closure and feeling reduced resistance when the unlocked position is reached. A cylindrical plug seal is extends from a top wall of the closure to engage the open end of the container body when the closure is in the closed position. In one embodiment, the closure is formed as a cup, and the closure must be separated from the container body in order to remove objects contained therein. In another embodiment, the closure has a side wall aperture which is unblocked to form a dispensing orifice when the closure is in the open position. The closure wall aperture is formed by relieving or omitting a portion of the cylindrical side wall of the closure from a bottom edge of the aperture through the top wall, with side edges extending parallel to a longitudinal axis of the closure.

Classifications:**International (IPC 8-9):** B65D47/28 B65D50/06 (Advanced/Invention)**International (IPC 1-7):** B65D55/02**CPC:** B65D47/283 B65D50/061**European:** B65D47/28B B65D50/06B**US:** 206/536 215/214 215/217 215/220 221/154 221/306 221/4

PatBase - US5372267_R

**Family:**

Publication number	Publication date	Application number	Application date
US5372267 A	19941213	US19930085632	19930630
US5579933 A	19961203	US19940354234	19941212

Priority:

US19930085632 19930630 US19940354234 19941212

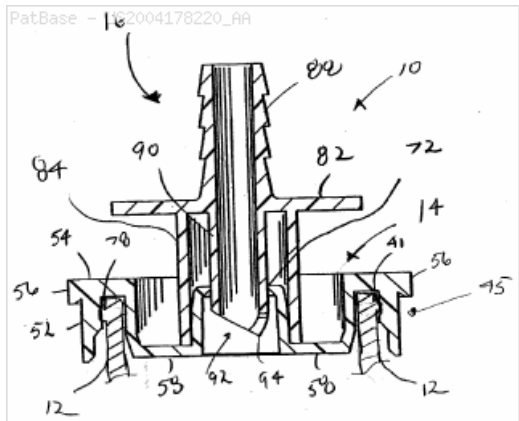
Probable Assignee: MAGENTA LLC F K A SFH MAGENTA LLC**Assignee(s):** (std): MAGENTA CORP**Assignee(s):** MAGENTA LLC F K A SFH MAGENTA LLC ; MAGENTA LLC ; BANK OF AMERICA NA ; BANK OF AMERICA NA ADMINISTRATIVE AGENT AS ; BIORELIANCE VIRAL MFG ; BIORELIANCE VIRAL MFG INC ; HARRIS NA**Inventor(s):** (std): HOFMANN RICHARD W**3) Family number: 30951798 (US2004178220A)**

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Title: PUNCTURABLE SPOUT**Abstract:** Source: US2004178220A The present invention provides a fitment assembly for a container including a spout

connected in fluid communication to the container, a cap sealing an end of the spout, the cap having a pierceable portion, and a piercer for piercing the cap at the pierceable portion to permit fluid communication from the container through the spout and piercer.

Classifications:
International (ipc 8-9): B67D1/00 B67D3/00 (Advanced/Invention); B67D1/00 B67D3/00 (Core/Invention)
International (ipc 1-7): B65D B67D1/16 B67D5/00
CPC: B67D1/0078 B67D3/0019
European: B67D1/00H6 B67D3/00E
US: 222/107 222/83 222/92



Family:

Publication number	Publication date	Application number	Application date
US2004178220 AA	20040916	US20030384816	20030310
US2005269354 AA	20051208	US20050201966	20050810
US6971548 BB	20051206	US20030384816	20030310
WO04080822 A2	20040923	WO2004US06472	20040303
WO04080822 A3	20051006	WO2004US06472	20040303

Priority:

US20030384816 20030310 US20050201966 20050810

Probable Assignee: DS SMITH PLASTICS LTD

Assignee(s): (std): DS SMITH PLASTICS LTD ; DS SMITH UK LTD ; SMITH MARK A

Assignee(s): DS SMITH UK LIMITED ; DS SMITH (UK) LTD ; DS SMITH LTD ; DS SMITH PLASTICS LIMITED

Inventor(s): (std): SMITH MARK A

Inventor(s): SMITH MARK

Agent(s): WALLENSTEIN WAGNER AND ROCKEY LTD

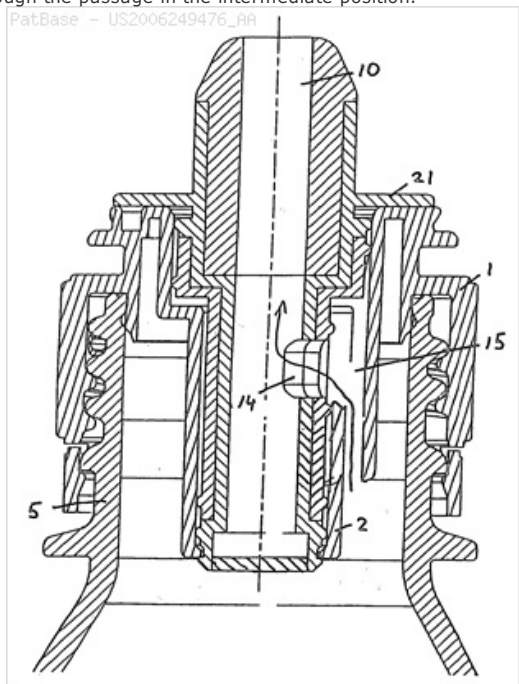
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4) Family number: 33582507 (US2006249476A) © PatBase

Title: VENTING VALVE-TYPE CLOSURE FOR BEVERAGE CONTAINER

Abstract: Source: US2006249476A A closure used on a beverage container has an outlet neck centered on an axis. The closure has a mount secured to the neck and a valve body formed with an outwardly open passage extending along a passage axis generally coaxial with the outlet-neck axis. This body is pivotally displaceable in the mount about a valve-body axis generally coaxial with the passage axis and outlet-neck axis between an open position and a closed position and through an intermediate position. Structure on the valve body and mount block flow through the passage in the closed position, allow free flow through the passage in the open position, and limit flow through the passage in the intermediate position.

Classifications:
International (ipc 8-9): A47G19/22 B65D47/26 B65D47/32 B65D51/16 B65D83/00 B67D3/00 (Advanced/Invention); A47G19/22 (Advanced/Non-invention); A47G19/22 B65D47/04 B65D51/16 B65D83/00 B67D3/00 (Core/Invention); A47G19/22 (Core/Non-invention)
CPC: B65D47/263 B65D51/1688
European: B65D47/26D2 B65D51/16E3
US: 215/251 215/307 215/311 215/387 220/203.04 220/203.040 220/714 222/523 222/525



Family:

Publication number	Publication date	Application number	Application date
AT404450 E	20080815	AT20060005819T	20060322
DE102005025561 A1	20061026	DE200510025561	20050601
DE502006001298 D1	20080925	DE200650001298T	20060322
EP1717158 A1	20061102	EP20060005819	20060322
EP1717158 B1	20080813	EP20060005819	20060322
US2006249476 AA	20061109	US20060411009	20060425
US7651003 BB	20100126	US20060411009	20060425

Priority:

DE200510019436 20050425 DE200510025561 20050601

Probable Assignee: GEORG MENSSEN GMBH AND CO KG

Assignee(s): (std): GEORG MENSSEN GMBH AND CO KG

Assignee(s): GEORG MENSSEN GMBH

Inventor(s): (std): ALBERS MARTIN ; ROEMER FRANK ; ROMER FRANK

Agent(s): COHAUSZ DAWIDOWICZ HANNIG AND SOZIEN; THE FIRM OF KARL F ROSS; FIRM OF KARL F ROSS; ANDREW

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

5) Family number: 34162992 (EP1748028A1)

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Title: High-oxygen-barrier tap for dispensing liquids from vessels, particularly adapted for aseptic applications

Abstract: Source: EP1748028A1 A tap (1) is disclosed for delivering liquids from a vessel comprising: a dispensing mouth (2) to be placed on the external surface of the vessel; an elongated cylindrical support body (3) with fitting means (5) with the mouth (2) closed by a plug (7), and laterally equipped with an opening (8) for making liquid go out; a control member (9) which is able to be actuated with wings (11) for opening and closing the opening (8) of the body (3); and at least one valve member (12) operatively connected to the control member (9) that elastically distorts it when opening and that, when closing, takes back the control member (9) to the closing rest position of the opening (8).

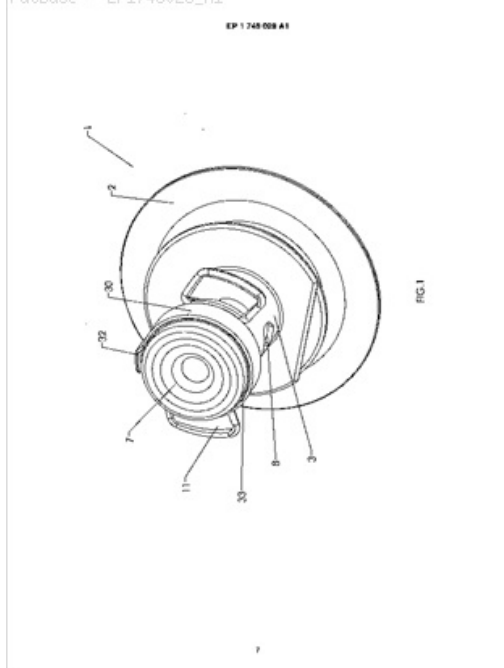
Classifications:

International (IPC 8-9): B65D47/28 B67D3/04 (Advanced/Invention)

CPC: B67D3/042 B67D3/045

European: B67D3/04C B67D3/04E

PatBase - EP1748028_A1

**Family:**

Publication number	Publication date	Application number	Application date
AT413361 E	20081115	AT20050425554T	20050728
DE602005010850 D1	20081218	DE200560010850T	20050728
EP1748028 A1	20070131	EP20050425554	20050728
EP1748028 B1	20081105	EP20050425554	20050728

Priority:

EP20050425554 20050728

Probable Assignee: VITOP MOULDING SRL

Assignee(s): (std): VITOP MOULDING S R L ; VITOP MOULDING SRL

Inventor(s): (std): NINI DIEGO

Agent(s): GARAVELLI PAOLO

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU

Title: PIERCING FITMENT ASSEMBLY

Abstract: Source: US2008029540A An improved piercing fitment assembly for mounting to a flexible container is provided, whereby the contents of the container are dispensed by piercing a pierceable portion of a cap using a fluid transfer device. The piercing fitment assembly is easy to use as a relatively minimal amount of force is required for piercing and establishing fluid transfer. It also has a locking system which locks the fluid transfer device into a dispensing state and also forms a reliable seal between the cap and the fluid transfer device which minimizes the risk of unwanted spillage. The fitment assembly comprises: a spout connected in fluid communication to the container; a cap having a pierceable portion sealing an end of the spout and a fluid transfer device having a leading tooth to initiate piercing of the pierceable portion of the cap.

Classifications:

International (IPC 8-9): B65D41/50 B65D47/06 B65D47/36
B65D75/58 B67B7/20 B67B7/48 B67B7/86 B67D5/00

B67D99/00 (Advanced/Invention);

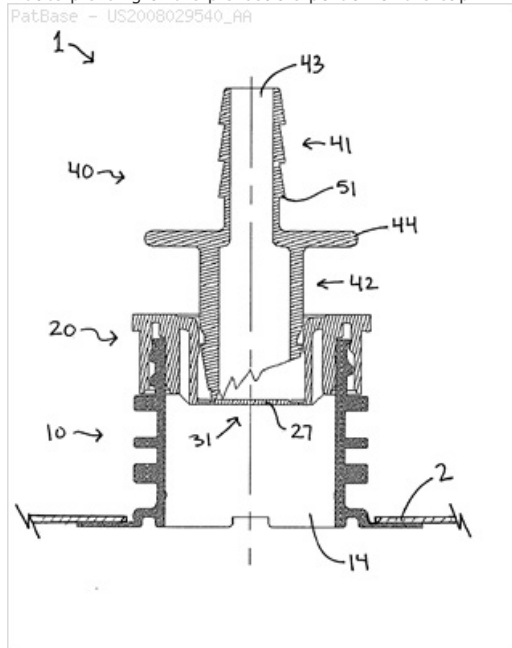
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B67D99/00 (Core/Invention)

CPC: B65D41/50 B67B7/26 B65D75/5877

European: B65D75/58G3A B67B7/26

US: 222/105 222/83 222/83P 222/89 383/202 383/202S

**Family:**

Publication number	Publication date	Application number	Application date
BRPI0715343 A2	20130618	BR2007PI15343	20070730
CN101516762 A	20090826	CN200780035400	20070730
EP2049432 A1	20090422	EP20070785010	20070730
EP2049432 A4	20130710	EP20070785010	20070730
JP2009544546 T2	20091217	JP20090522064T	20070730
MX2009001154 A1	20090414	MX20090001154	20070730
US2008029540 AA	20080207	US20070888133	20070731
US7980424 BB	20110719	US20070888133	20070731
WO08014605 A1	20080207	WO2007CA01344	20070730

Priority:

US20060834458P 20060731 US20070888133 20070731 WO2007CA01344 20070730

Probable Assignee: LIQUI BOX CORP

Assignee(s): (std): JOHNSON JAMES ; JOHNSON JAMES W ; LIQUI BOX CANADA INC ; LIQUI BOX CORP

Assignee(s): ANTARES CAPITAL LP AGENT AS ; BNP PARIBAS

Inventor(s): (std): JAMES JOHNSON ; JOHNSON JAMES ; JOHNSON JAMES W

Agent(s): ELEND ALMUT SUSANNE ET AL; IWATANI RYO; POTTER ANDERSON AND CORROON LLP ATTN KATHLEEN W GEIGER ESQ; OGILVY RENAULT LLP SENCRL SRL ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PI PL PT PS RT RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

7) Family number: 58177749 (US2015001261A)

Title: SLIDER VALVE ASSEMBLY FOR ASEPTIC PACKAGING

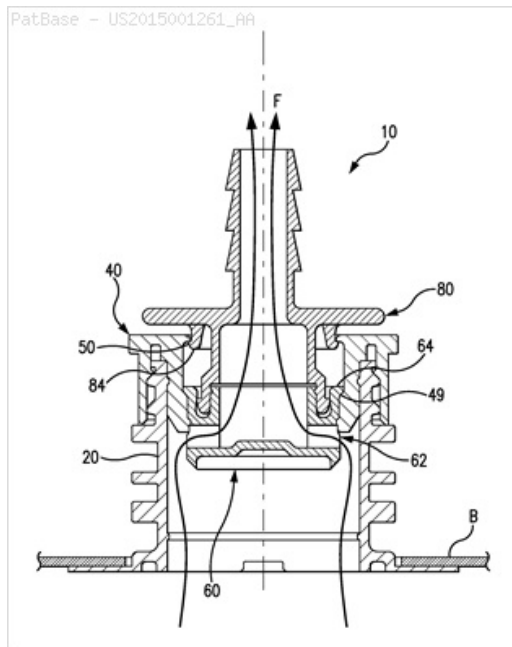
Abstract: Source: US2015001261A The present invention provides a slider valve assembly for connection to a spout of an aseptically-packaged flexible container for filling and dispensing flowable material. The slider valve assembly comprises a cap member, a valve member, and an outlet member. The cap member has a central opening and is adapted to be secured to the spout of the container. The valve member defines one or more side openings in communication with a central bore, is slidable within the central opening of the cap member and is lockable into a closed or open position. The outlet member is detachably engaged to the valve member and is used for actuating the valve member. The outlet member also defines a hollow interior portion which is in communication with the central bore of the valve member.

Classifications:

International (IPC 8-9): B65D47/26 B65D47/28 B67C3/28 B67C7/00
B67D3/00 B67D3/04 B67D7/02 (Advanced/Invention)

CPC: B65D47/283 B67D3/045 B67D7/0294

US: 1/1 222/1 222/525 53/425 53/469 53/490

**Family:**

Publication number	Publication date	Application number	Application date
CA2917023 AA	20151224	CA20142917023	20140627
CN105722765 A	20160629	CN201480047491	20140627
CO16018660 A2	20160630	CO20160018660	20160127
EP3013705 A1	20160504	EP20140817099	20140627
EP3013705 A4	20161102	EP20140817099	20140627
IN201647002670 A	20160722	IN201647002670	20160125
MX2016000182 A1	20160614	MX20160000182	20140627
US2015001261 AA	20150101	US20140317474	20140627
US2016264319 AA	20160915	US20160165304	20160526
US9434516 BB	20160906	US20140317474	20140627
WO14210437 A1	20141231	WO2014US44536	20140627

Priority:

US20130841144P 20130628 US20140317474 20140627 US20160165304 20160526
 WO2014US44536 20140627

Probable Assignee: LIQUI BOX CORP

Assignee(s): (std): JOHNSON JAMES W ; LIQUI BOX CO RPORATION ; LIQUI BOX CORP

Assignee(s): ANTARES CAPITAL LP AGENT AS

Inventor(s): (std): JOHNSON JAMES W

Inventor(s): JAMES W JOHNSON

Agent(s): TORYS LLP; HUMBERTO RUBIO CAMACHO; ROBERTS MARK PETER; BAKER AND HOSTETLER LLP;
 MEHTA RAKESH H

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR
 CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID
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